SEQUENCE LISTING

```
<110> POGUE, Gregory
 <120> Production of a Parvovirus Vaccine in Plants as Viral Coat Protein
 Fusions
 <130> 18696-169199
 <140> US 09/520,967
 <141>
        2000-03-08
 <160> 23
 <170> PatentIn version 3.0
<210>
[ <211> 16
212> PRT
213> Artificial
220>
221> misc_feature
222> ()..()
223> fusion protein
_k400> 1
Met Gly Ser Asp Gly Ala Val Gln Pro Asp Gly Gly Gln Pro Ala Val
                 5
                                     10
<210> 2
<211> 17
 <212> PRT
 <213> Artificial
 <220>
 <221> misc feature
 <222> ()..()
 <223> fusion protein
 <400> 2
 Met Gly Gln Pro Asp Gly Gln Pro Ala Val Arg Asn Glu Arg Ala
 Thr
 <210> 3
 <211> 49
 <212> DNA
 <213> Artificial
 <220>
 <221> misc_feature
```

```
<222> ()..()
  <223> primer
  <400> 3
  ggaattcaag cttaatacga ctcactatag tatttttaca acaattacc
                                                                      49
  <210> 4
  <211> 18
  <212> DNA
  <213> Artificial
 <220>
  <221> misc_feature
  <222> ()..()
 <223> primer
##<400> 4
#ccttcatgta aacctctc
                                                                     18
ŽĮ.
#=#
[[<210> 5
<sub>jul</sub><211> 57
212> DNA
</p
<220>
| (221> misc_feature)
<222>
       ()..()
$223> synthetic plasmid
<400> 5
 taaatattet taageeagta gtatgggata teeagtggta tgggateeta eagtate
                                                                     57
 <210> 6
 <211> 12
 <212> DNA
 <213> Artificial
 <220>
 <221> misc_feature
 <222>
       ()..()
 <223> synthetic plasmid
 <400> 6
 ccagtagtat gg
                                                                     12
 <210> 7
 <211>
       12
 <212> DNA
 <213> Artificial
 <220>
 <221> misc_feature
 <222> ()..()
```

<u>-</u>

```
<223> synthetic plasmid
                  <400> 7
                 ccagtggtat gg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            12
                 <210>
                                                                     8
                 <211>
                                                                    50
                 <212> DNA
                 <213> Artificial
                 <220>
                 <221> misc_feature
                 <222>
                                                                  ()..()
                 <223> primer
<400> 8
tgggatatcc agtggtatgg gatcctacag tatacactac tccatctcag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            50
# 10 to 10 t
<210>
<211> 30
 W <212> DNA
 <213> Artificial
 <sub>#</sub> <220>
 <221> misc_feature
<222> ()..()
 FER PROPERTY OF THE PROPERTY O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              30
                 <210>
                                                                     10
                 <211>
                                                                     27
                 <212> DNA
                  <213> Artificial
                  <220>
                  <221> misc_feature
                  <222>
                                                                   ()..()
                  <223> primer
                  <400> 10
                  ggcccatgga acttacagaa gaagtcg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               27
                  <210>
                                                                       11
                  <211>
                                                                       57
                  <212>
                                                                      DNA
                  <213> Artificial
                  <220>
                  <221>
                                                                       misc_feature
                  <222>
                                                                     ()..()
                  <223> primer
```

_

```
<400> 11
 ctggatatec catactactg gcttaagaat atttaaaacg aatccgattc ggcgaca
                                                                        57
 <210>
         12
 <211>
         91
 <212> DNA
 <213> Artificial
 <220>
 <221>
        misc_feature
 <222>
        () . . ()
 <223> primer
 <400> 12
cotgggccag tagtatgggt toagatggtg otgtacaaco agatggaggt caaccagotg
                                                                         60
[]tatcttacag tatcactact ccatctcagt t
                                                                         91
A LANGE
ha b
210> 13
| <211> 91
212> DNA
213> Artificial
[=]<220>
<221>
         misc_feature
[]<222>
        () . . ()
223> primer
424
13×400>
 cctgggccag tagtatgggt tcagatggtg ctgtacaacc agatggaggt caaccagctg
                                                                         60
 tatcttacag tatcactact ccatctcagt t
                                                                         91
  <210> 14
  <211>
         24
  <212> PRT
  <213> Artificial
  <220>
  <221>
         misc feature
  <222>
         ()..()
  <223> fusion protein
  <400> 14
  Gly Ser Asp Gly Ala Val Gln Pro Asp Gly Gln Pro Ala Val Ser
                  5
  Tyr Ser Ile Thr Thr Pro Ser Gln
              20
```

```
<210> 15
  <211>
        23
  <212>
        PRT
  <213> Artificial
  <220>
  <221>
        misc feature
  <222>
        () ...()
  <223>
        fusion protein
  <400> 15
  Ser Asp Gly Ala Val Gln Pro Asp Gly Gln Pro Ala Val Ser Tyr
                 5
  Ser Ile Thr Thr Pro Ser Gln
             20
(210> 16
<211>
        21
<u>↓</u> <212> PRT
Artificial
Bre t
<220>
(221>
        misc feature
₹ <222>
        ()..()
Harry
Frank
(400> 16
Gly Ala Val Gln Pro Asp Gly Gln Pro Ala Val Ser Tyr Ser Ile
                 5
                                                        15
  Thr Thr Pro Ser Gln
             20
  <210>
        17
  <211>
        20
  <212>
        PRT
  <213>
        Artificial
  <220>
  <221>
        misc_feature
        ()..()
  <222>
  <223>
        fusion protein
  <400> 17
  Ala Val Gln Pro Asp Gly Gln Pro Ala Val Ser Tyr Ser Ile Thr
                                     10
  Thr Pro Ser Gln
              20
  <210> 18
  <211> 19
  <212> PRT
```

```
<400> 21
  Gly Gln Pro Ala Val Ser Tyr Ser Ile Thr Thr Pro Ser Gln
  <210> 22
  <211> 24
  <212> PRT
  <213> Artificial
  <220>
  <221> misc_feature
  <222>
        () - . ()
  <223> fusion protein
  <400> 22
() Gly Gln Pro Asp Gly Gly Gln Pro Ala Val Arg Asn Glu Arg Ala Thr
                                  10
Tyr Ser Ile Thr Thr Pro Ser Gln .
Part.
<210> 23
Sign of the second
<400> 23
  Asn Glu Arg Ala Thr Tyr Ser Ile Thr Thr Pro Ser Gln
```

THE SCALL DISCOUL COM

٠

```
<213> Artificial
  <220>
  <221>
         misc_feature
  <222>
         () . . . ()
  <223>
         fusion protein
  <400> 18
  Val Gln Pro Asp Gly Gln Pro Ala Val Ser Tyr Ser Ile Thr Thr
  Pro Ser Gln
  <210>
         19
<211> <212>
         18
         PRT
<213>
         Artificial
224
224
|| <220>
|≈⊧ <221>
         misc_feature
<222>
         ()..()
💺 <223> fusion protein
<sup>∞</sup> <400> 19
Gln Pro Asp Gly Gly Gln Pro Ala Val Ser Tyr Ser Ile Thr Thr Pro
Ser Gln
PH
  <210>
         20
  <211>
  <212>
         PRT
  <213>
         Artificial
  <220>
  <221>
         misc_feature
  <222>
         ()..()
  <223>
         fusion protein
  <400> 20
 Gly Gly Gln Pro Ala Val Ser Tyr Ser Ile Thr Thr Pro Ser Gln
                   5
                                        10
  <210> 21
  <211>
         14
  <212>
         PRT
         Artificial
  <213>
  <220>
         misc_feature
  <221>
  <222>
         () . . ()
  <223> fusion protein
```